

10-04-01

NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)

☐ Duplicate  
(check, if applicable)

A  
Box 56

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, DC 20231

Attorney Docket No. 10147-61U1  
First Named Inventor: Maria Alexandra Glucksman  
Express Mail Label No. EL665882062US  
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

22437, A NOVEL HUMAN SULFATASE  
AND USES THEREFOR

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior Application No. \_\_\_\_\_ filed \_\_\_\_\_.

Anticipated Group/Art Unit: \_\_\_\_\_ or Class \_\_\_\_\_ Subclass \_\_\_\_\_.

☒ This non-provisional patent application is based on Provisional Patent Application  
No. 60/257,082, filed December 21, 2000.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 108 pages.
- ☒ Application Data Sheet.
- ☒ Non-executed Declaration.
- ☐ Copy of Declaration from prior application.
- ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- ☒ 30 sheets of drawings (formal).
- ☐ Transmittal Letter Accompanying Submission of Compact Disc in Accordance  
with 37 C.F.R. §1.52(e), plus two identical compact discs (for computer program  
Appendix)
- ☒ Nucleotide and/or Amino Acid Sequence Submission, including:
  - ☒ Computer readable copy ☒ Paper Copy ☒ Verified Statement.
- ☐ Under PTO-1595 Cover Sheet, an assignment of the invention
- ☒ Name of Assignee: Millennium Pharmaceuticals, Inc.
- ☐ Certified copy(ies) of \_\_\_\_\_ Application No(s). \_\_\_\_\_ filed  
\_\_\_\_\_ is/are filed:
  - ☐ herewith or ☐ in prior application \_\_\_\_\_.
- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under  
37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern,  
or ☐ a Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☐ Information Disclosure Statement, PTO-1449, and cited references.

j1046 U.S. PTO  
09/970287  
10/03/01

☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)

☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY		LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$355		BASIC FEE: \$710	
Total	30 - 20 =	10	×9	\$	OR	×18 \$ 180
Independent	4 - 3 =	1	×40	\$	OR	×80 \$ 80
<input type="checkbox"/> Multiple Dependent Claims Present			\$135	\$	OR	\$270 \$
			TOTAL	\$	OR	TOTAL \$ 970.00

☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.

☒ A check in the amount of \$ 970.00 to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210147.0073)** as noted below. A duplicate copy of this sheet is enclosed.

☒ Any overpayments or deficiencies in the above-calculated fee.

☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.

☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.

☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS:**

3 Oct. 2001  
(Date)

By: 

**GARY D. COLBY, Ph.D., J.D.**

Registration No. 40,961

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Patent Application of : Group Art Unit: Not Yet Assigned  
Maria Alexandra Glucksmann, et al. :  
:   
Appln. No.: Not Yet Assigned : Examiner: Not Yet Assigned  
:   
Filed: Herewith :   
:   
For: 22437, A NOVEL HUMAN SULFATASE : Attorney Docket No.  
AND USES THEREFOR : 10147-61U1

**STATEMENT TO SUPPORT FILING AND SUBMISSION**  
**IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825**

( X ) I hereby state, in accordance with the requirements of 37 C.F.R. §1.821(f), that the contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821(c) and (e), respectively are the same.

Respectfully submitted,

MARIA ALEXANDRA GLUCKSMANN, et al.

3 October 2001  
(Date)

By: 

GARY D. COLBY, Ph.D., J.D.

Registration No. 40,961

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